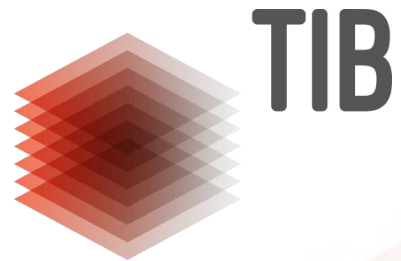


LEIBNIZ-INFORMATIONSZENTRUM
TECHNIK UND NATURWISSENSCHAFTEN
UNIVERSITÄTSBIBLIOTHEK



The world of science is more visible and accessible

M.Sc. Wazed Ali

Research Engineer [Software]
Data Science & Digital Libraries Research Group
TIB- Leibniz Information Centre for Science & Technology

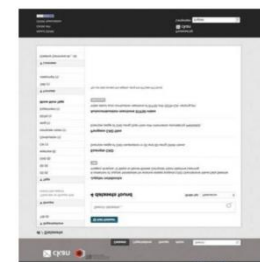
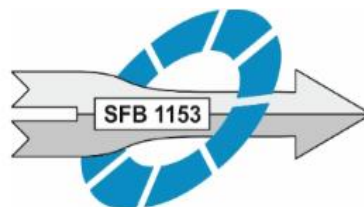
Paris, September 25th, 2019



Leibniz
Leibniz
Association

Who am I?

- Colleague of mine know me as “Wazed”.
- I studied M.Sc. in Computer Science at Leibniz University of Hannover, Hannover, Germany.
- Studied and also did some research in Deep Learning, Data Mining especially in NLP.
- Currently working at TIB-Leibniz Information Center for Science and Technology as “Research Engineer(Software)” and in touch with Semantic Web science experts like Prof. Auer, Dr. Markus stocker, Dr. Javad etc. in “Data Science and Digital Libraries” research group.
- Wish to have a Ph. D in some point of my life in Semantic Deep Learning.



TIB- Leibniz Information Center For Science & Technology

Acting as German National Library to preserve knowledge and facilitate access.

Expand it's role as a German information centre for the **digitisation** of science and technology.

Conducts applied research and development -

- Data Science & Digital Libraries
- Visual Analytics
- Open Science
- Non-textual material
- More than 500 employee



Data Science & Digital Libraries Research Group



Prof. Dr. Sören Auer
**Head of Data Science & Digital Libraries
Research Group
and Director of TIB**

Email: soeren.auer@tib.eu
Phone: +49 511 762-2531

Dr. Markus Stocker
Knowledge Infrastructures

Dr. Gábor Kismihók
Learning and Skill Analytics

Dr. Javad Chamanara
Post-Doc

Dr. Jennifer D'Souza
Post-Doc

Alexandra Garatzogianni
**Senior Research and Innovation Project
Manager**

& many PhD, Software developers etc.

What We Do?

- Semantic Technologies and Linked Data, Knowledge Representation and Knowledge Management.
- Digitization of society, science and business, data spaces, data value chains .
- Big Data, Internet of Things, Data Integration for Industry 4.0 .
- E-Science, Science Governance, Peer Review, Open Access, Digital Libraries.
- Application domains are Digital Libraries, Enterprise Data Integration, Industry 4.0, Smart Cities, Digital Humanities.

For more go to link → <https://www.tib.eu/en/research-development/data-science-digital-libraries/>

Scholarly Communication

Scholarly communication involves the creation, publication, dissemination and discovery of academic research. (Wikipedia)

But it is not as easy... ..

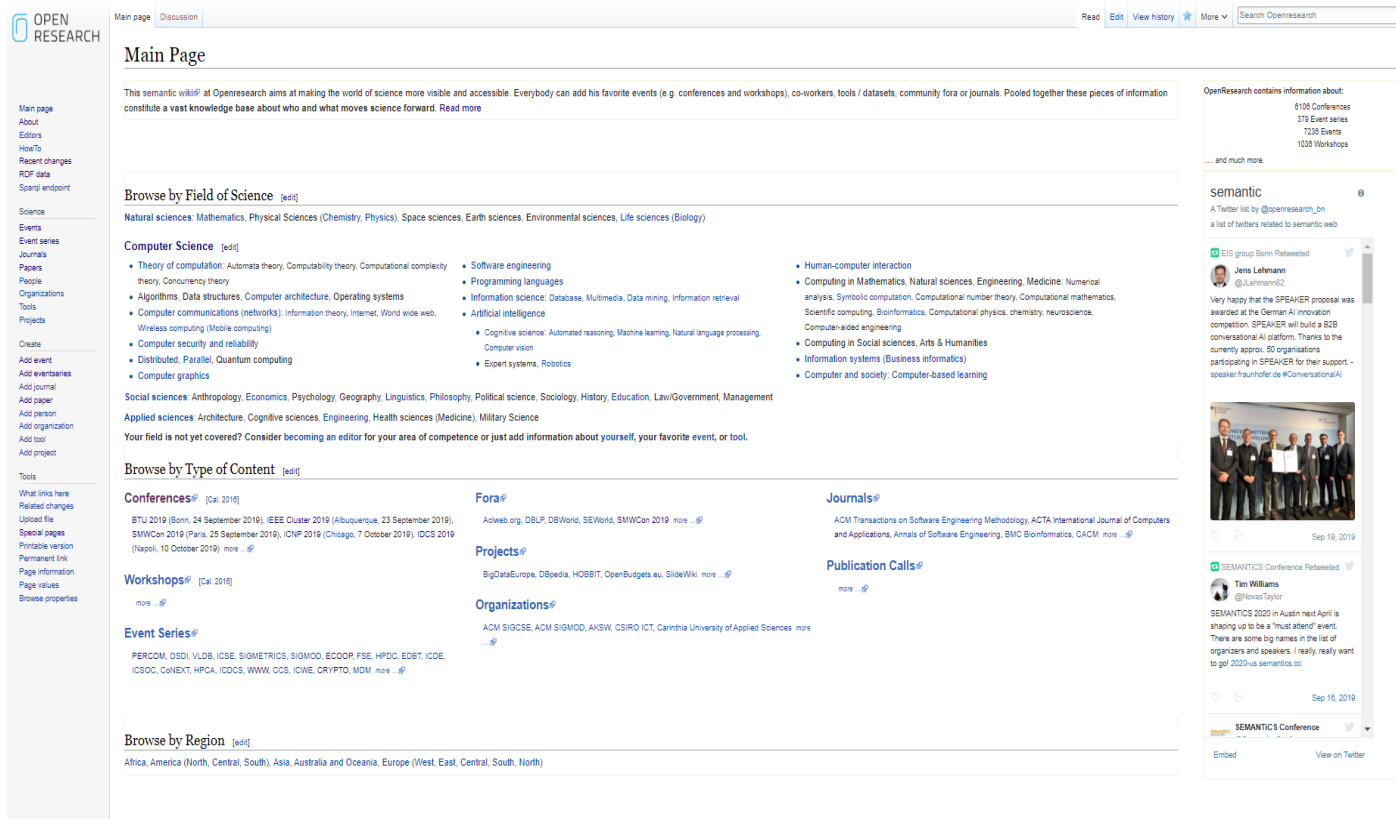
- Scholars need to spend a huge amount of time to search event Information.
- Different communication channels
- Structural differences across events
- Series
- Addressing different stakeholders



About OpenResearch

Assist researchers and organizers to collect, organize, share, visualize and disseminate information regarding scientific events and scientific results and tools in a structured way.

<https://www.openresearch.org/>



The screenshot shows the main page of the OpenResearch website. The header includes the OpenResearch logo and navigation links. The main content area is titled 'Main Page' and contains a description of the project's goal: to make scientific information more visible and accessible. It lists various categories of information available, such as conferences, workshops, datasets, and journals. The page is organized into sections for browsing by field of science, type of content, and region. The right sidebar features a 'semantic' section with a list of related Twitter accounts and a 'Jens Lehmann' profile card.

OpenResearch contains information about:

- 6106 Conferences
- 376 Event series
- 7236 Events
- 1026 Workshops

...and much more.

semantic

A Twitter list by @openresearch_bn
a list of twitters related to semantic web

Jens Lehmann
@JLehmann62

Very happy that the **SPEAKER** proposal was awarded at the German AI Innovation competition. **SPEAKER** will build a B2B conversational AI platform. Thanks to the currently approx. 60 organisations participating in **SPEAKER** for their support. - speaker.fraunhofer.de/#ConversationalAI

SEP 18, 2019

SEMANTICS Conference Retweeted

Tim Williams
@timwilliams

SEMANTICS 2020 in Austin next April is shaping up to be a 'must attend' event. There are some big names in the list of organizers and speakers. I really, really want to get 2020-us.semantics.cc

SEP 18, 2019

SEMANTICS Conference

Embed View on Twitter

OpenResearch Architecture

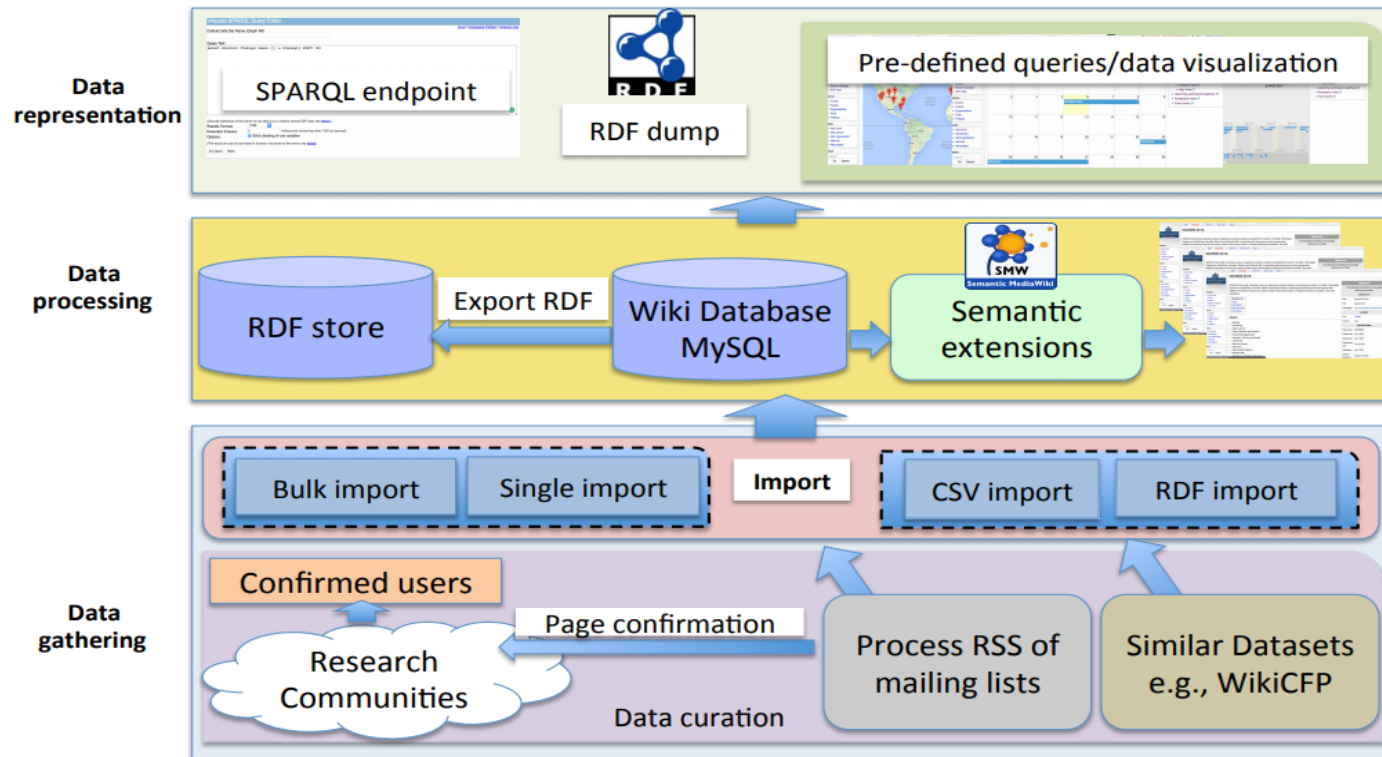
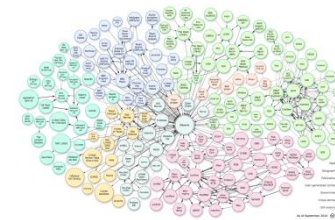


Figure 2: OpenResearch Architecture

OpenResearch Features and Components

- **Crowdsourcing platform**
- **Semantic Wiki Pages**
- **LOD Services – Fidus Writer**
- **Semantic Queries**
- **Visualization of Results**



OpenResearch: Event Information Addition



[Main page](#)
[About](#)
[Editors](#)
[HowTo](#)
[Recent changes](#)
[RDF data](#)
[Sparql endpoint](#)

Science

[Events](#)
[Event series](#)
[Journals](#)
[Papers](#)
[People](#)
[Organizations](#)
[Tools](#)
[Projects](#)

Create

[Add event](#)
[Add eventseries](#)
[Add journal](#)
[Add paper](#)
[Add person](#)
[Add organization](#)
[Add tool](#)
[Add project](#)

Tools

[Upload file](#)
[Special pages](#)
[Printable version](#)

General Information [\[edit\]](#)

Acronym *:	<input type="text"/>	Acronym of the event such as "ESWC 2009", if same event name exists, this event will be taken as series with existing one.
Title:	<input type="text"/>	Full title of the given event, e.g. "5th European Semantic Web Conference"
Series:	<input type="text"/>	Abbreviation of event series, in case the event belongs to a continuing series
Type *:	<input type="text"/>	Select type of the event or create a new type.
Field *:	<input type="text"/>	Primary scientific field of the event (additional ones can be added with "[[Category:some Scientific Field]]" to the article text, or use ", ".
Superevent:	<input type="text"/>	Reference to a super event, in case the event is part of another event
Start date *:	<input type="text"/>	Start date of the event.
End date *:	<input type="text"/>	End date of the event.
Homepage:	<input type="text"/>	URL of the homepage
Twitter account:	<input type="text"/>	twitter account handle, e.g. @EKAConf2014
Logo:	<input type="text"/>	Upload file
City:	<input type="text"/>	
State:	<input type="text"/>	
Country:	<input type="text"/>	

Important Dates [\[edit\]](#)

Submission deadline *:	<input type="text"/>	general deadline for (most relevant kinds of) submissions
Abstract deadline:	<input type="text"/>	deadline for abstract submissions (usually for papers that are to be submitted later)
Paper deadline:	<input type="text"/>	deadline for submitting papers, a special kind of submission deadline; read the note below
Poster deadline:	<input type="text"/>	
Demo deadline:	<input type="text"/>	
Workshop deadline:	<input type="text"/>	deadline for submitting workshops proposals
Tutorial deadline:	<input type="text"/>	deadline for submitting tutorial proposals
Notification:	<input type="text"/>	date of acceptance notifications
Camera ready:	<input type="text"/>	deadline for submitting the camera ready
Submission page:	<input type="text"/>	Page for submissions (e.g. on EasyChair)

Committees [\[edit\]](#)

Organizers:	<input type="text"/>
General Chairs:	<input type="text"/>
PC Chairs:	<input type="text"/>
Workshop Chairs:	<input type="text"/>
Panel Chairs:	<input type="text"/>
Tutorial Chairs:	<input type="text"/>
Demonstration Chairs:	<input type="text"/>
PC members:	<input type="text"/>
Keynote speakers:	<input type="text"/>

OpenResearch: Upcoming Events

Acronym	Name	City	Country	Submission deadline	Start date	End date
BTU 2019	Bau, Technik und Umwelt in der landwirtschaftlichen Nutztierhaltung (BTU)	Bonn	Germany		24 September 2019	26 September 2019
IEEE Cluster 2019	IEEE Cluster Conference 2019	Albuquerque	USA	24 May 2019	23 September 2019	26 September 2019
SMWCon 2019	The 16th Semantic MediaWiki Conference:	Paris	France		25 September 2019	27 September 2019
ICNP 2019	27th IEEE International Conference on Network Protocols	Chicago	USA	31 May 2019	7 October 2019	10 October 2019
IDCS 2019	12th International Conference on Internet and Distributed Computing Systems	Napoli	Italy	1 June 2019	10 October 2019	12 October 2019
ISCIS 2019	The Conference on Modelling Methods for Computer Systems, Networks and Bioinformatics	Paris	France	22 July 2019	14 October 2019	15 October 2019
Humanoids 2019	IEEE RAS International Conference on Humanoid Robots	Toronto	Canada	7 July 2019	15 October	17 October

OpenResearch: Detailed Event Information

SMWCon 2019

The 16th conference on Semantic MediaWiki (SMWCon) brings together developers, users and organizations from the semantic wiki community around the world.

Conference audience and mission [\[edit\]](#)

This conference is addressing everybody interested in wikis and open knowledge, especially in Semantic MediaWiki, e.g. users, developers, consultants, business or government representatives, and researchers. This conference shall:

- inspire/onboard new users,
- inform on where and how MediaWiki is used,
- convey and consolidate best practices,
- initiate/foster/integrate application and development and
- strengthen the community of stakeholders and its service portfolio.

Committees [\[edit\]](#)

- General Co-Chairs
 - **Airy Magnien**, French national railways, France
- PC Co-Chairs
 - **Lex Sulzer**, sProduct manager & Co-Founder at **Dokit.io**

SMWCon 2019



The 16th Semantic MediaWiki Conference:

Event in series

SMWCon

Dates

2019/09/25 (iCal) - 2019/09/27

Homepage:

https://www.semantic-mediawiki.org/wiki/SMWCon_Fall_2019#Registration

OpenResearch: Event Series Table

Series

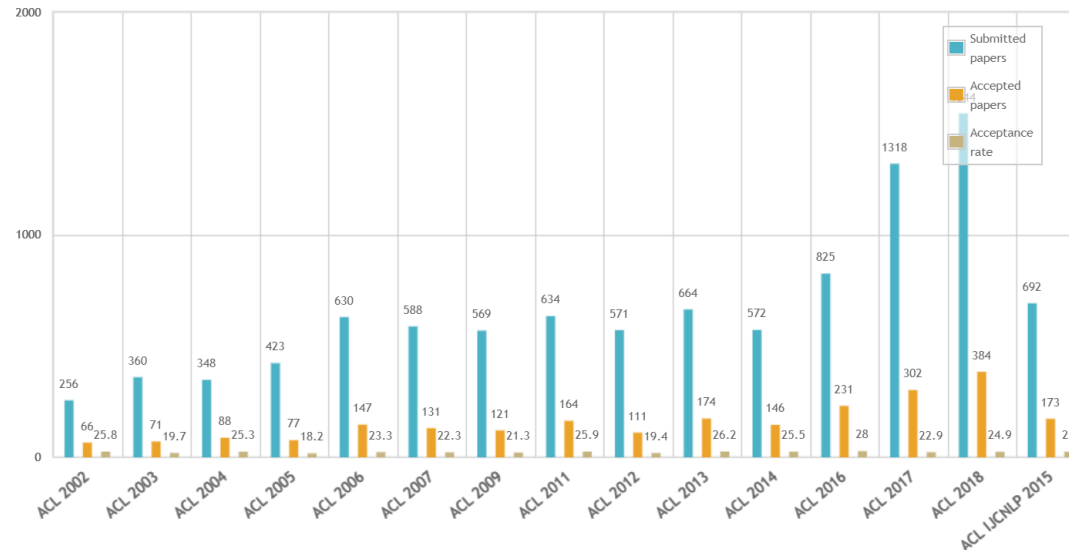
Acronym ↕	Title ↕	Category ↕	Homepage ↕	Has CORE2017 Rank ↕	Has CORE2018 Rank ↕	Has Average Acceptance Rate ↕
AAAI	Conference on Artificial Intelligence	Event series North America Computer Science, Artificial Intelligence and Image Processing	http://www.aaai.org/Conferences/AAAI/aaai.php	A*	A*	26.1
ACL	Annual Meeting of the Association for Computational Linguistics	Event series Artificial Intelligence and Image Processing		A*	A*	23.6
ACMMM	ACM MULTIMEDIA	Event series Multimedia	http://www.acmm.org/2016/			22.8
ACNS	International Conference on Applied	Event series Computer security and reliability		B	B	

OpenResearch: Detailed Event Series Info.

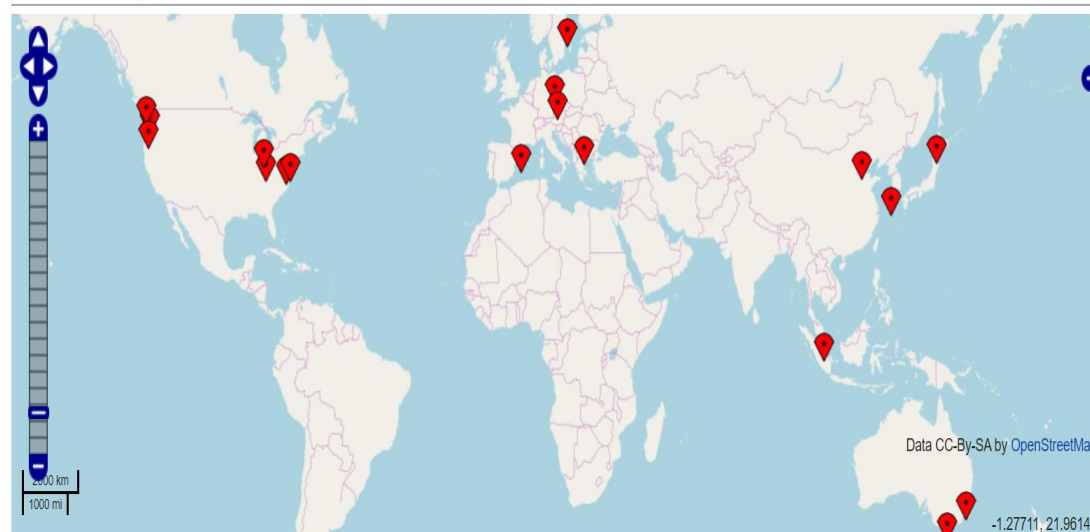
◆	From ◆	To ◆	Submitted papers ◆	City ◆	Country ◆	General chair ◆	PC chair ◆	Acceptance rate ◆
ACL 2020	5 July 2020	10 July 2020		Seattle	USA	Dan Jurafsky	Joyce Chai Natalie Schluter Joel Tetreault	
ACL 2018	15 July 2018	20 June 2018	1,544	Melbourne	Australia			24.9
ACL 2017	31 July 2017	2 August 2017	1,318	Vancouver	Canada			22.9
ACL 2016	7 August 2016	12 August 2016	825	Berlin	Germany	Antal van den Bosch	Katrin Erk Noah Smith	28.0
ACL 2015	26 July 2015	31 July 2015		Beijing	China			
ACL 2014	22 June 2014	27 June 2014	572	Baltimore	USA			25.5
ACL 2013	4 August 2013	9 August 2013	664	Sofia	Bulgaria			26.2
ACL 2012	8 July 2012	14 July 2012	571	Jeju Island	South Korea			19.4
ACL 2011	19 June 2011	24 June 2011	634	Portland	USA			25.9

OpenResearch: Visualization of Statistics

Submission/Acceptance [\[edit\]](#)



Locations [\[edit\]](#)

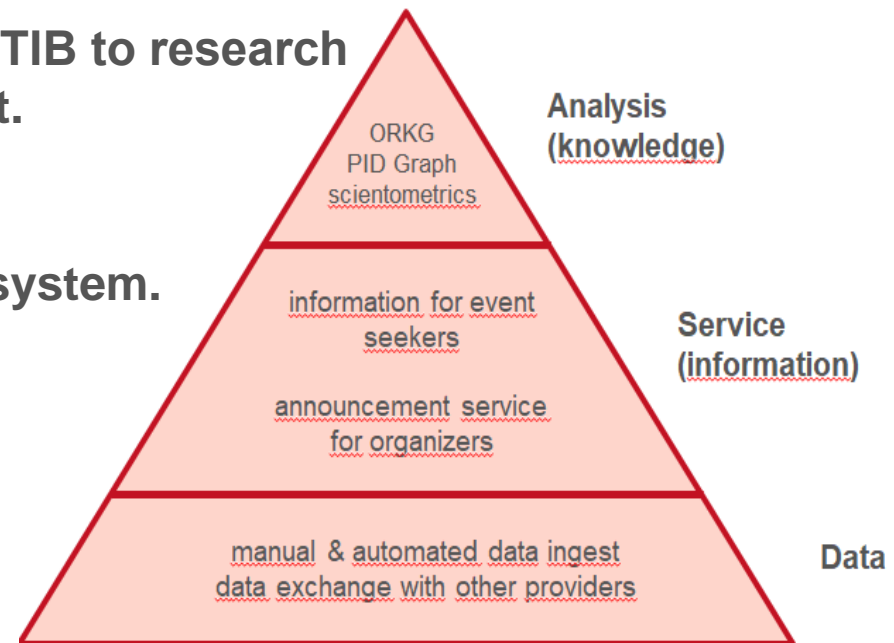


OpenResearch Contains

- 6106 conference information.
- 379 conference event series.
- 7236 events.
- 1036 workshops.
- 18000 registered users.

Future Work For OpenResearch

- Clean and responsive modern user friendly interface.
- Automated data ingest and exchange with service providers
- As a service named “ConfiDent” for TIB to research communities about conference event.
- A complete scholarly recommender system.



Conclusion

- Researchers need a very good tool that can ease their life to find good conference, papers and research collaborators.
- A good research finding and spreading it properly can serve human society a lot.
- There are some commercial initiatives but most of them are paid and may be biased.
- So, we need a crowd source based system that can be transparent and also serve researchers a lot.

OpenResearch has all its potentials fulfill all of this.

